

CLAIM LISTING:

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Currently amended) A tulobuterol adhesive patch which comprises (a) a support, (b) a pressure-sensitive adhesive layer and (c) a release liner laminated in that order, characterized in that said pressure-sensitive adhesive layer (b) contains a plasticizer, tulobuterol as a percutaneous absorbing agent and said pressure-sensitive adhesive agent is an acrylic-based pressure-sensitive adhesive agent which is a copolymer of an acetoacetoxyalkyl (meth)acrylate and one or more vinyl monomers that are copolymerizable with the acetoacetoxyalkyl (meth)acrylate, wherein said vinyl monomer contains diacetoneacrylamide and/or tetraethyleneglycol dimethacrylate.

2. (Canceled)

3. (Previously presented) A tulobuterol adhesive patch according to claim 1, wherein said acetoacetoxyalkyl (meth)acrylate is 2-acetoacetoxyethyl methacrylate or 2-acetoacetoxyethyl acrylate.

4. (Canceled)

5. (Currently amended) A tulobuterol adhesive patch according to claim ~~2~~1, wherein said plasticizer is one or more lipophilic oils selected from the group consisting of fatty acid esters having 6-18 carbon atoms, dibasic acid esters having 6-10 carbon

atoms, higher alcohols having 10-18 carbon atoms and fats or oils that are liquid at room temperature.

6. (Previously presented) A tulobuterol adhesive patch according to claim 5, wherein said plasticizer is one or more types of plasticizer selected from the group consisting of isopropyl myristate, diethyl sebacate, isopropyl palmitate, medium-chain fatty acid triglycerides and hexyldecanol.

7. (Previously presented) A tulobuterol adhesive patch according to claim 6, wherein said plasticizer is isopropyl myristate.

8. (Previously presented) A tulobuterol adhesive patch according to claim 5, wherein said content of the plasticizer is 10-35 wt% of the total weight of the pressure-sensitive adhesive layer.

9. (Currently amended) A tulobuterol adhesive patch according to claim 1, wherein ~~at least~~ 1-10 wt% tulobuterol of the total weight of the pressure-sensitive adhesive layer is present in a dissolved state in the pressure-sensitive adhesive layer.

10. (Previously presented) A tulobuterol adhesive patch according to claim 1, wherein the pressure-sensitive adhesive layer is a non-aqueous pressure-sensitive adhesive.

11. (New) A tulobuterol adhesive patch according to claim 1, wherein the vinyl monomer contains diacetoneacrylamide and/or tetraethyleneglycol dimethacrylate and further selected vinyl monomer is one or more acrylic-based vinyl monomers selected from the group consisting of 2-ethylhexyl acrylate, methyl methacrylate, butyl acrylate,

ethyleneglycol dimethacrylate, ethyleneglycol diacrylate, diethyleneglycol dimethacrylate, triethyleneglycol dimethacrylate, hexaethyleneglycol dimethacrylate and acrylamide.

12. (New) A tulobuterol adhesive patch according to claim 1, wherein the acrylic pressure sensitive adhesive layer is a copolymer obtained by the copolymerization of

- (i) an acetoacetoxyalkyl (meth)acrylate,
- (ii) diacetoneacrylamide and/or tetraethyleneglycol dimethacrylate,
- (iii) one or more (meth)acrylate monomer selected from the group consisting of 2-ethylhexyl acrylate, methyl methacrylate and butyl acrylate.

13. (New) A tulobuterol adhesive patch according to claim 1, wherein the acrylic pressure sensitive adhesive is a copolymer obtained by copolymerization of 2-acetoacetoxyethylmethacrylate, diacetoneacrylamide, tetraethyleneglycol dimethacrylate, 2-ethylhexylacrylate and methylmethacrylate.

14. (New) A tulobuterol adhesive patch according to claim 1, wherein the content of acetoacetoxyalkyl (meth)acrylate is 10~45 weight % to the total weight 100 of said acrylic pressure sensitive adhesive copolymer.